

**Syllabus for Intermediate Algebra for Social Sciences and Business**

<b>Semester &amp; Year</b>	Spring 2018	
<b>Course ID and Section #</b>	Math 194 - E3426	
<b>Instructor's Name</b>	Brad Morin	
<b>Day/Time</b>	T,Th,F 1:15-2:30 pm	
<b>Location</b>	SC 210	
<b>Number of Credits/Units</b>	4	
<b>Contact Information</b>	<i>Office location</i>	Math Lab
	<i>Office hours</i>	Office Hours: Wed 10:00-11:00 Fri 2:45-3:45 Math Lab Hours: Wed 12:00-1:00
	<i>Phone number</i>	
	<i>Email address</i>	brad-morin@redwoods.edu
<b>Textbook Information</b>	<i>Title &amp; Edition</i>	Intermediate Algebra: A Modeling Approach
	<i>Author</i>	Kathy Yoshiwara
	<i>ISBN</i>	978-1-936368-87-7

**Course Description**

A course in which functions are investigated graphically, numerically, symbolically, and verbally in real-world settings with an emphasis on applications to social sciences and business. Linear, quadratic, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored as models of real-life applications. Data analysis and technology are integrated into all aspects of the course. This intermediate algebra course is appropriate for career and technical students. Special notes or advisories: Graphing calculator required, TI-83 or TI-84 recommended. Students planning on taking College Algebra or Trigonometry would be advised to take Math 303 concurrent with either of these courses.

**Student Learning Outcomes**

1. Apply mathematics to real-world problems and applications with an emphasis on social sciences and business.
2. Investigate the output from a graphing calculator to explore mathematical concepts and to verify work.
3. Explain the concept of function, identify the characteristics of different classes of functions, and use functions to solve problems related to social sciences and business.
4. Design and effectively communicate a process for solving complex real-world problems in business and social sciences.

## Syllabus for [name of class here] – Eureka Campus

### Special Accommodations

College of the Redwoods complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. Please present your written accommodation request at least one week before the first test so that necessary arrangements can be made. No last-minute arrangements or post-test adjustments will be made. If you have a disability or believe you might benefit from disability related services and may need accommodations, please see me or contact [Disabled Students Programs and Services](#). Students may make requests for alternative media by contacting DSPS at 707-476-4280.

### Academic Support

Academic support is available at [Counseling and Advising](#) and includes academic advising and educational planning, [Academic Support Center](#) for tutoring and proctored tests, and [Extended Opportunity Programs & Services](#), for eligible students, with advising, assistance, tutoring, and more.

### Academic Honesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services>, and scroll to AP 5500. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

### Disruptive Classroom Behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process a disruptive student may be temporarily removed from class. In addition, he or she may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct (AP 5500) is available on the College of the Redwoods website at: <http://www.redwoods.edu/board/Board-Policies/Chapter-5-Student-Services> and scroll to AP 5500.

Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the college catalog and on the College of the Redwoods website.

**Emergency Procedures for the Eureka campus:**

Please review the campus evacuation sites, including the closest site to this classroom (posted by the exit of each room). The Eureka **campus emergency map** is available at: (<http://www.redwoods.edu/aboutcr/Eureka-Map>; choose the evacuation map option). For more information on Public Safety, go to <http://www.redwoods.edu/publicsafety>. In an emergency that requires an evacuation of the building:

- Be aware of all marked exits from your area and building.
- Once outside, move to the nearest evacuation point outside your building:
- Keep streets and walkways clear for emergency vehicles and personnel.
- Do not leave campus, unless it has been deemed safe by the Incident Commander or campus authorities. (CR's lower parking lot and Tompkins Hill Rd are within the Tsunami Zone.)

**RAVE** – College of the Redwoods has implemented an emergency alert system. In the event of an emergency on campus you can receive an alert through your personal email and/or phones at your home, office, and cell. Registration is necessary in order to receive emergency alerts. Please go to <https://www.GetRave.com/login/Redwoods> and use the “Register” button on the top right portion of the registration page to create an account. During the registration process you can elect to add additional information, such as office phone, home phone, cell phone, and personal email. Please use your CR email address as your primary Registration Email. Your CR email address ends with “redwoods.edu.” Please contact Public Safety at 707-476-4112 or [security@redwoods.edu](mailto:security@redwoods.edu) if you have any questions.

*College of the Redwoods is committed to equal opportunity in employment, admission to the college, and in the conduct of all of its programs and activities.*

Modifications or corrections to this syllabus may be necessary as the semester progresses.

Math Lab: I recommend signing up for and spending time in the Math Lab.  
Math 252 is an option that cost you nothing, with no minimum requirements.  
Math 194L is the option for earning credit but that costs additional tuition.  
For Math Lab information — <https://www.redwoods.edu/math/Lab> (somewhat dated).

Course Equipment: TI-84 Calculator. The newest model is TI-84 Plus CE, also available for rental.  
Older models will also work You may find a good deal locally.  
Bring calculator, and completed homework to class each day.

Exams and Quizzes:

Daily quizzes will be on the homework assigned the previous day.  
There will be several in-class exams and a comprehensive final.

Basis for Grade:

25% Quizzes on homework.  
50% Semester Exams  
25% Final Exam

Grading:

A 93% - 100%    A- 90% - 92%  
B+ 87% - 89%    B 83% - 86%    B- 80% - 82%  
C+ 77% - 79%    C 70% - 76%  
D 60% - 69%  
F Below 60%

Learning Resources:

Math Lab — (Same link as given above) <https://www.redwoods.edu/math/Lab>.  
Disabled Student Programs and Services  
Academic Support Center  
The L.I.G.H.T. Center  
GUID 145

Prerequisites: Make certain this course is appropriate for your skills and experience.